Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Friday 10 Mar 2023 until 23:59 on Saturday 11 Mar 2023

Forecast Issued on Thursday 09 Mar 2023 at 16:22

Confidence: High becoming Medium in details from Sunday.

Headline for Friday 10 Mar 2023: A cold and bright day after overnight snow. Winds easing. Winter hazards.

Mountain weather hazards on Friday 10 Mar 2023

Blizzards Low Likelihood	**Heavy persistent snow** Low Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy snow	Heavy snow	Heavy snow	Light snow	Light snow showers	Sunny intervals	Clear night	Clear night
Precipitation probability							
70%	60%	60%	60%	40%	30%	10%	<05%

Forecast for Friday 10 Mar 2023

Weather: Snow overnight, heavy at times with blizzards, drifting and whiteout conditions. The snow turning more showery during the morning with bright spells developing. Mainly dry with bright, sunny or clear spells during the afternoon and evening, although the odd light snow showers still possible.

Chance of cloud-free hill tops above 600m: Nil to 20% overnight rising to 90% during daylight hours and the evening.

Low cloud and visibility: Extensive, base 600m or less, overnight and early morning, soon lifting and breaking above the tops. Visibility often poor or very poor overnight and early morning, becoming mostly very good or excellent during daylight hours and though the evening.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Friday 10 Mar 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	32/40 E	33/43 NE	30/39 NE	21/28 N	14/19 N	10/14 N	8/11 N	5/6 SW	8/10 SW
300	29/40 NE	31/45 NE	24/34 NE	14/21 N	11/16 N	9/13 N	5/7 N	5/6 S	5/7 S
Valley	24/49 E	24/50 NE	16/34 NE	11/23 N	7/15 N	6/12 N	3/7 NE	3/5 SE	3/7 SE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-2/-11	-2/-12	-3/-12	-3/-11	-3/-9	-2/-7	-3/-7	-3/-6	-4/-8
300	-0/-8	-0/-9	-1/-9	-1/-7	0/-4	1/-3	-1/-3	-2/-5	-3/-6
Valley	0/-7	-0/-7	-1/-7	-0/-5	1/-2	2/-1	-0/-2	-2/-5	-3/-5
Freezing Level*	200m	200m	100m	100m	200m	200m	00m	00m	00m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Sun glare possible off the snowpack along with ice. Some limited thaw from mid-morning to mid-afternoon then refreezing. Freezing level around 600m early afternoon. Strenuous walking in deep snow.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Thu 09 Mar 2023	0mm	0mm	1mm

Forecast for Saturday 11 Mar 2023

Weather: Clear and cold overnight with a moderate or severe frost, perhaps the odd freezing fog patch. Bright with some morning sunshine, but upper cloud increasing with outbreaks of sleet and snow possible from late afternoon. The sleet and snow becoming heavy at times in the evening with blizzard and whiteout conditions at height, although it could well turning much milder by midnight with snow giving way to heavy rain.

Maximum wind: South or Southeast 15mph around the middle of the day, increasing 25 gusting 35mph later

Chance of cloud-free hill tops above 600m: 90% or more, lowering 20% in the evening.

Low cloud and visibility: No significant cloud at first, becoming extensive, base 600m or less, in the evening. Visibility very good falling poor or very poor at times in the evening.

Temperature:
Valleys: Minus 6 Celsius rising to plus 3 Celsius
At 600m: Minus 2 to Minus 5 Celsius, rising to around Plus 2 Celsius late in the day.
Freezing level: All levels, rising to around 600m early afternoon, lowering to most levels early evening, but rising above the summits by midnight.

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